



PATENT  
ATTORNEY DOCKET NO.: 046124-5085-01

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
 )  
Takuya HOMME *et al.* )  
 )  
Application No.: 10/750,945 ) Group Art Unit: Unassigned  
 )  
Filed: January 5, 2004 ) Examiner: Unassigned  
 )  
For: RADIATION DETECTION DEVICE AND )  
METHOD OF MAKING SAME )

Commissioner for Patents  
U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Sir:

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO Form-1449. To the best of the undersigned's knowledge, this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

The listed documents were previously cited in the copending parent Application No. 09/893,586, filed on June 29, 2001, upon which Applicants rely for the benefits provided in 35 U.S.C. § 120. Accordingly, pursuant to 37 C.F.R. § 1.98(d), a copy of each reference is not provided.

11/10/2004 BABRAHA1 00000038 500310 10750945  
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Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached PTO Form-1449.

Applicants would also like to bring the following information to the Examiner's attention.

Applicants wish to point out that, to the best of Applicants' knowledge, Applicants now believe that the structure disclosed in JP S63-215987 (see, for example, Fig. 1 of this document) was sold in the U.S. at least as early as 1990, except that the film of the structure apparently extended at least part of the way between the scintillator columns. In other words, such structure included a fiber plate, with CsI columns formed thereon, and film formed over, and extending at least part of the way between, the CsI columns. Applicants respectfully request that the Examiner consider this information in examining the now-pending claims.

Applicants also wish to point out that corresponding subject matter was on sale in the U.S. at least as early as 1997. In the 1997 embodiment, however, the CsI scintillator columns and covering film were formed over an image sensor, rather than just a fiber plate, and again with the film formed over, and extending at least part of the way between, the CsI columns.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such document.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

**Except** for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. § 1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0310. This paragraph is intended to be a **CONSTRUCTIVE PETITION FOR EXTENSION OF TIME** in accordance with 37 C.F.R. § 1.136(a)(3).

Respectfully submitted,

**MORGAN, LEWIS & BOCKIUS LLP**

  
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John G. Smith

Registration No. 33,818

Dated: November 8, 2004

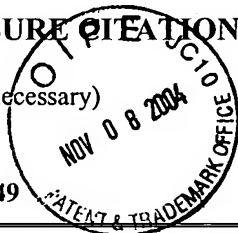
**Customer No. 009629**

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<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary) <b>PTO Form 1449</b>				Attorney Docket No. 046124-5085-01		Application No.: 10/750,945	
				Applicants: Takuya HOMME <i>et al.</i>			
<b>PAGE 1 of 1</b>				Filing Date: January 5, 2004		Group Art Unit: Unassigned	

U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Sub Class	Filing Date
		6,278,118	8/21/2001	Homme et al.	250	370.11	2/10/1999
		6,262,422	7/17/2001	Homme et al.	250	370.11	2/10/1999
		4,746,619	5/24/1988	Beerlage	437	3	7/27/1987
		4,803,366	2/7/1989	Vieux et al.	250	486.1	8/19/1986
		4,906,850	3/6/1990	Beerlage	250	370.09	5/20/1988
		5,171,996	12/15/1992	Perez-Mendez	250	361	7/31/1991
		5,179,284	1/1993	Kingsley et al.	250	370.11	1/12/1993
		5,187,369	2/1993	Kingsley et al.	250	370.11	2/16/1993
		5,208,460	5/4/93	Rougeot et al.	250	368	9/23/91
		5,288,989	2/1994	Ishaque et al.	250	214.1	2/22/1994
		6,392,254	5/2002	Liu et al.	257	59	5/21/2002

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub Class	<u>Translation</u> YES    NO
		JP 5-93780	April 16, 1993	Japan			
		JP 63-215987	Sept. 8, 1988	Japan			
		JP 5-196742	August 6, 1993	Japan			
		JP 62-73538	April 4, 1987	Japan			
		Patent Abstraction of Japan of JP 04 144174	May 18, 1992	Japan			
		EP 0 528 676 A1	Feb. 24, 1993	Europe			
		JP 59-122988	July 16, 1984	Japan			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	“Three Bond Technical News:, pp. 1-10, September 23, 1992.

Examiner	Date Considered
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	